

2018 ANNUAL REPORT MOAB INTERAGENCY FIRE CENTER



Coal Hollow 8/9/2018

Canyon Country BLM (Moab, Monticello, Price Field Offices)
Manti-La Sal National Forest
National Park Service Southeast Utah Group
Utah State Forestry, Fire & State Lands, Southeast Area
BIA Ute Mountain



2018 ANNUAL REPORT
MOAB INTERAGENCY FIRE CENTER
SOUTHEAST UTAH
70 E Fire Center Drive, Moab, UT 84532
435-259-1850

Dispatch Zone

The Moab Interagency Fire Center (MIFC) is the dispatch center for Southeast Utah which includes: Canyon County District (BLM); Manti-La Sal National Forest (USFS); Division of Forestry, Fire and State Lands Southeast Area (SES); National Park Service Southeast Utah Group (NPS); and Ute Mountain Field Office (BIA).

The dispatch area involves over 10 million acres of terrain that ranges from grasslands at 4,000 feet to forested lands above 12,000 feet in elevation. Land status throughout the area is highly fragmented. MIFC has an average of 200-300 incidents per year, with a fire season that extends throughout the year with prescribed fires and pile burning in the spring, fall, and winter.

Dispatch Staffing

Center Manager (Acting) – Rachel Cresto

Assistant Center Manager – Vacant

BLM Lead Dispatcher – Bill Sullivan

USFS Lead Dispatcher – Mark Hassel

USFS Logistics Dispatcher – Jessica Allred

State Dispatcher – Vacant



Left to Right: Mark Hassel, Jessica Allred, Rachel Cresto, Dave Engleman, Ron Irvin

Personnel from the local area filled positions on the Initial Attack floor and Expanded dispatch throughout the summer. Dave Engleman acted as the Assistant Center Manager from May through September. Four Expanded Dispatch Recorder (EDRC) taskbooks were initiated, two EDRC taskbooks were completed. One Aircraft Dispatcher (ACDP) was completed. Two Initial Attack Dispatcher (IADP) taskbooks were initiated and two Expanded Dispatch Support Dispatch (EDSD) taskbooks were initiated. One Expanded Dispatch Supervisor (EDSP) taskbook was initiated.

Dispatch Activity

Fire activity was average in number of fires and above average in acres burned (Fig. 11). The first wildland fire of the year occurred on January 24th and the last occurred on November 15th. Prescribed fire activity was ongoing during the winter and shoulder fire seasons. MIFC had around the clock staffing for approximately 80 days this season.

Fire Activity

Initial Attack fire activity was 109% of average while acres burned was only 44.6% of average. Resources responded to 232 wildfires (Fig. 1); 13 prescribed burns; and 84 false alarms. Large fire activity was minimal with 4 large fire (over 100 acres) on the zone.

The Price River fire (UT-MOD) started on 5/26 and burned 125 acres. The Trail Mountain fire (UT-MLF) started on 6/7 and burned 18,080 acres. The Antone fire (UT-PRI) started on 7/28 and burned 200.4 acres and the Coal Hollow fire (UT-MLF) started on 8/4 and burned 31,661 acres. The Crooked Creek fire started on UT-MLF and burned onto UT-SCS and was dispatched by RIFC burned 111 acres. The Pole Creek fire in NUIFC burned 13,979 acres on UT-MLF USFS and the Bear Trap fire in UBIFC burned 2,644 acres on UT-MOD BLM.

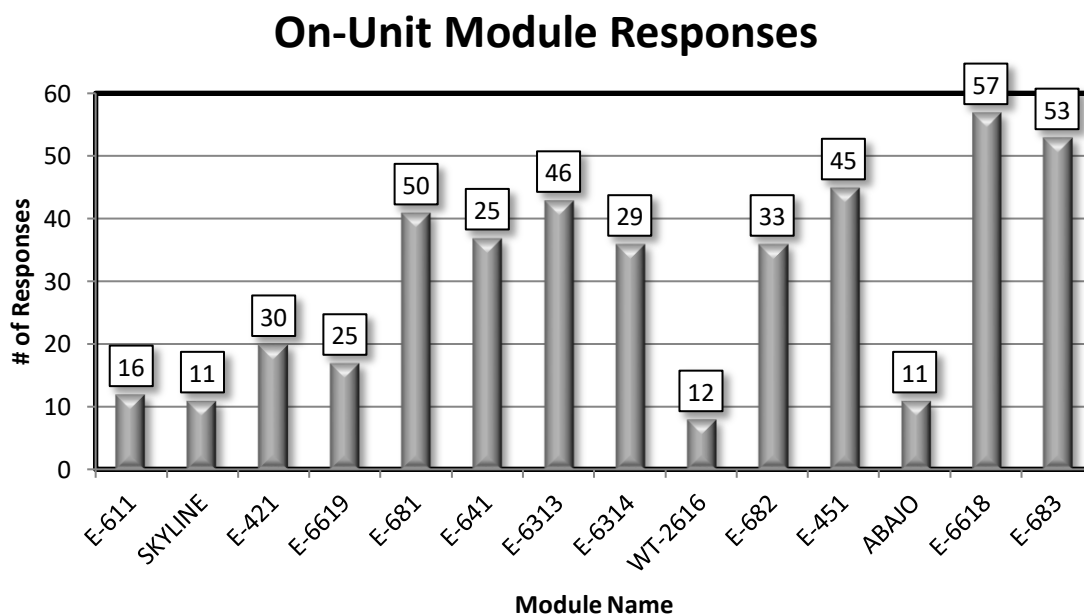


Figure 1-On-Unit Module Responses



Cinema Court Fire 6/12/2018



Trail Mountain Fire 6/7/2018

Prescribed Fire

Local Fuels programs took advantage of favorable conditions for prescribed burning during the off season (Fig. 2). There were a total of 13 prescribed burns for **156.55** acres (Table 1).



Courthouse Wash RX- NPS 2018

Table 1. Prescribed Fire Statistics by Agency

AGENCY	RX Fires	RX Acres
BLM	4	21.35
USFS	3	66
STATE	5	47.2
NPS	1	22
TOTAL	13	156.55

Figure 2-Prescribed Burning Activity

Aviation

Aircraft orders for out of area resources were above average this year with 208 total. (Fig. 3).

2018 MIFC AIRCRAFT ORDERS

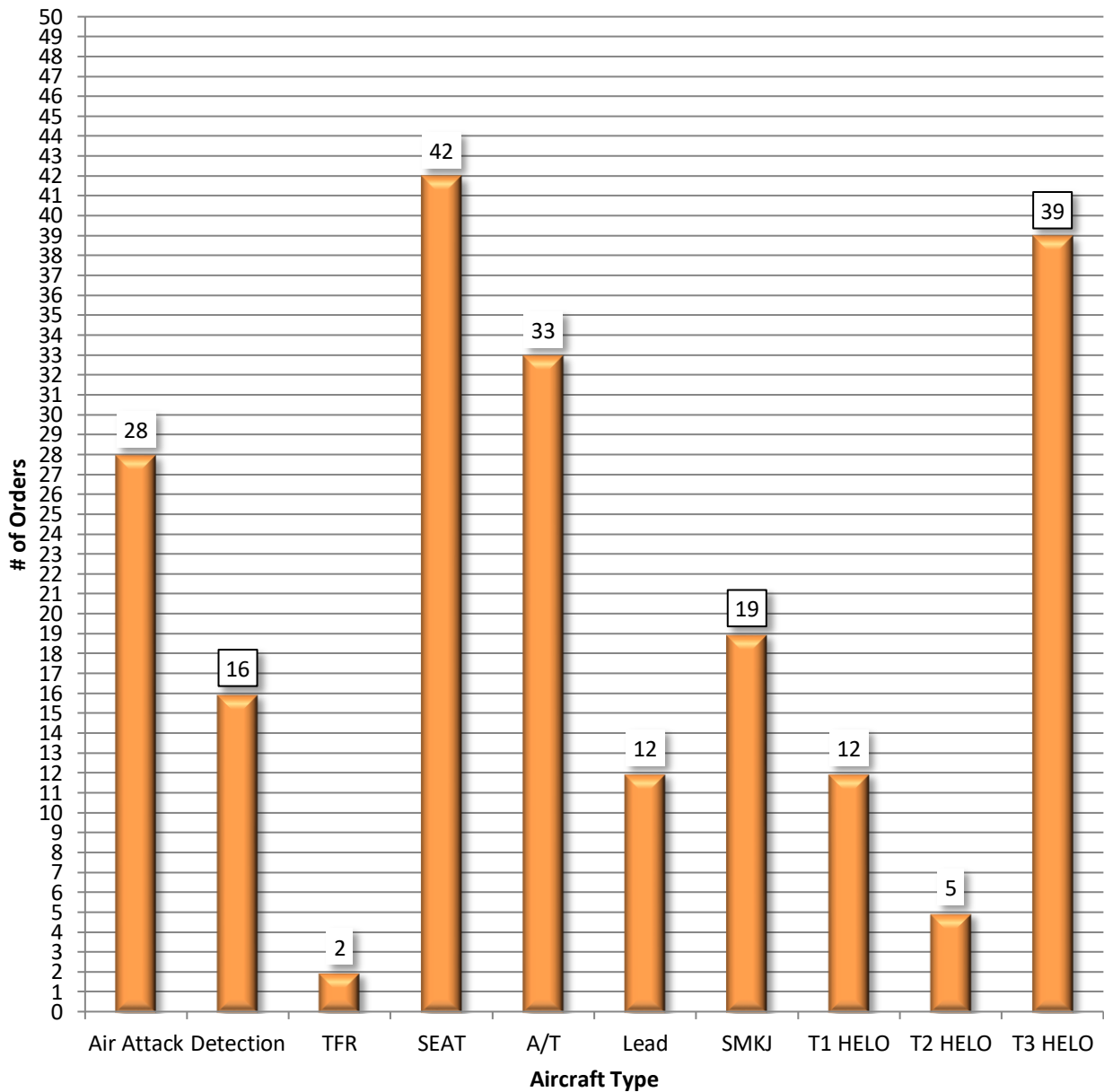


Figure 3- Aircraft Orders

Moab Helitack

Moab Helitack had a total of 324.9 revenue flight hours (Table 2.) with 123 days on contract. All 324 hours were on fires, 0 flight hours on projects or resource flights. Moab Helitack had a total of 40 Initial Attack responses, and 16 extended attack fires. 7RL transported 1108 passengers and 78,740 gallons of water. Moab Helitack participated in 2 aerial ignition projects with a total of 8,700 acres burned. A total of 5 operational cargo letdowns were completed. Crew size was 6 people and had 5 detailers. 8 task books were completed/certified in various positions.

Table 2. Helitack Flight Hour Distribution

Agency:	BLM	USFS	State/County	NPS
Total flight Hours	69.1	204.9	22.5	0
Project Flight Hours	0	0	0	2
Off Unit Flight Hours	3.4		0	0



Roosevelt Fire - Moab Helitack 2018

Weather

Temperatures were average to above average in 2018 while precipitation was below average resulting in severe drought across most of Utah.

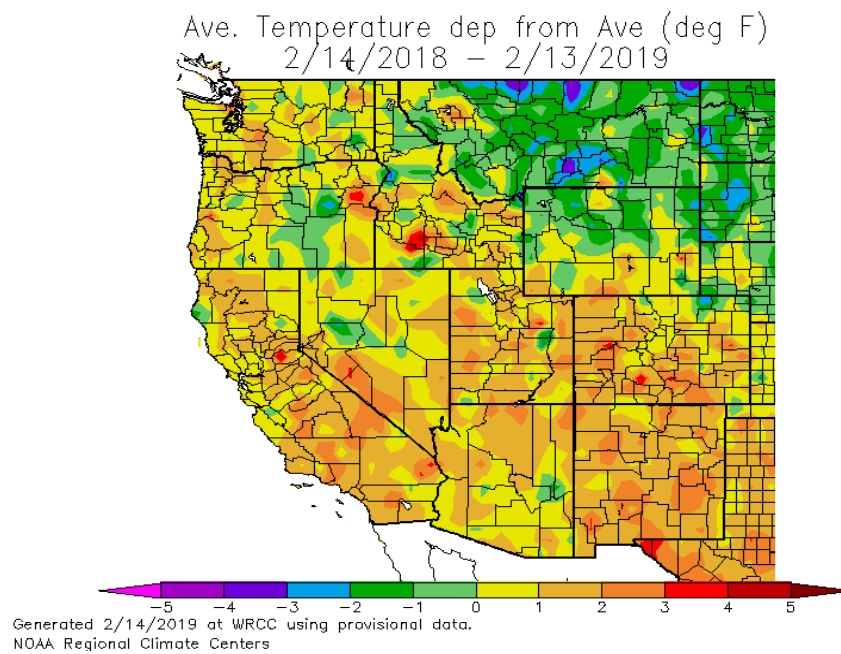


Figure 4 - Average Temperature Departure from Average

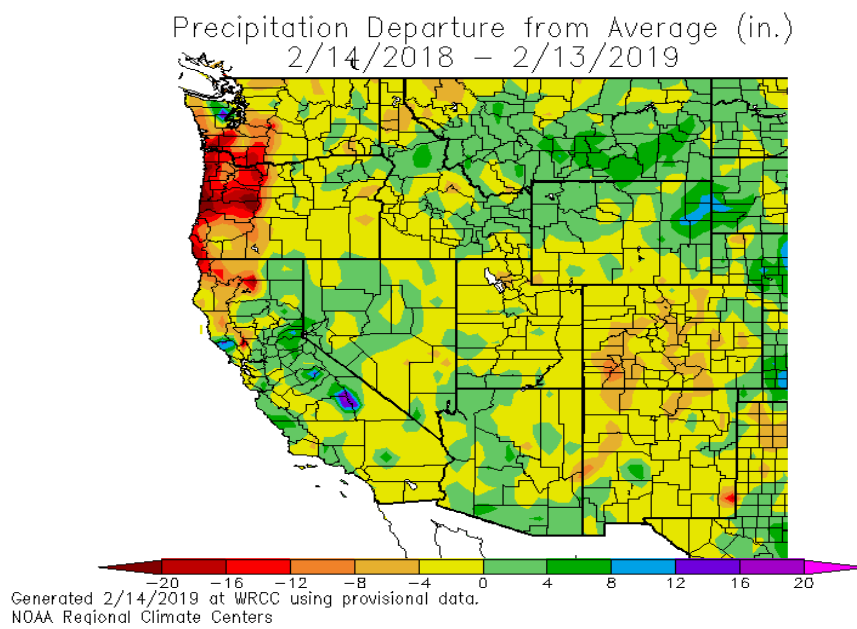
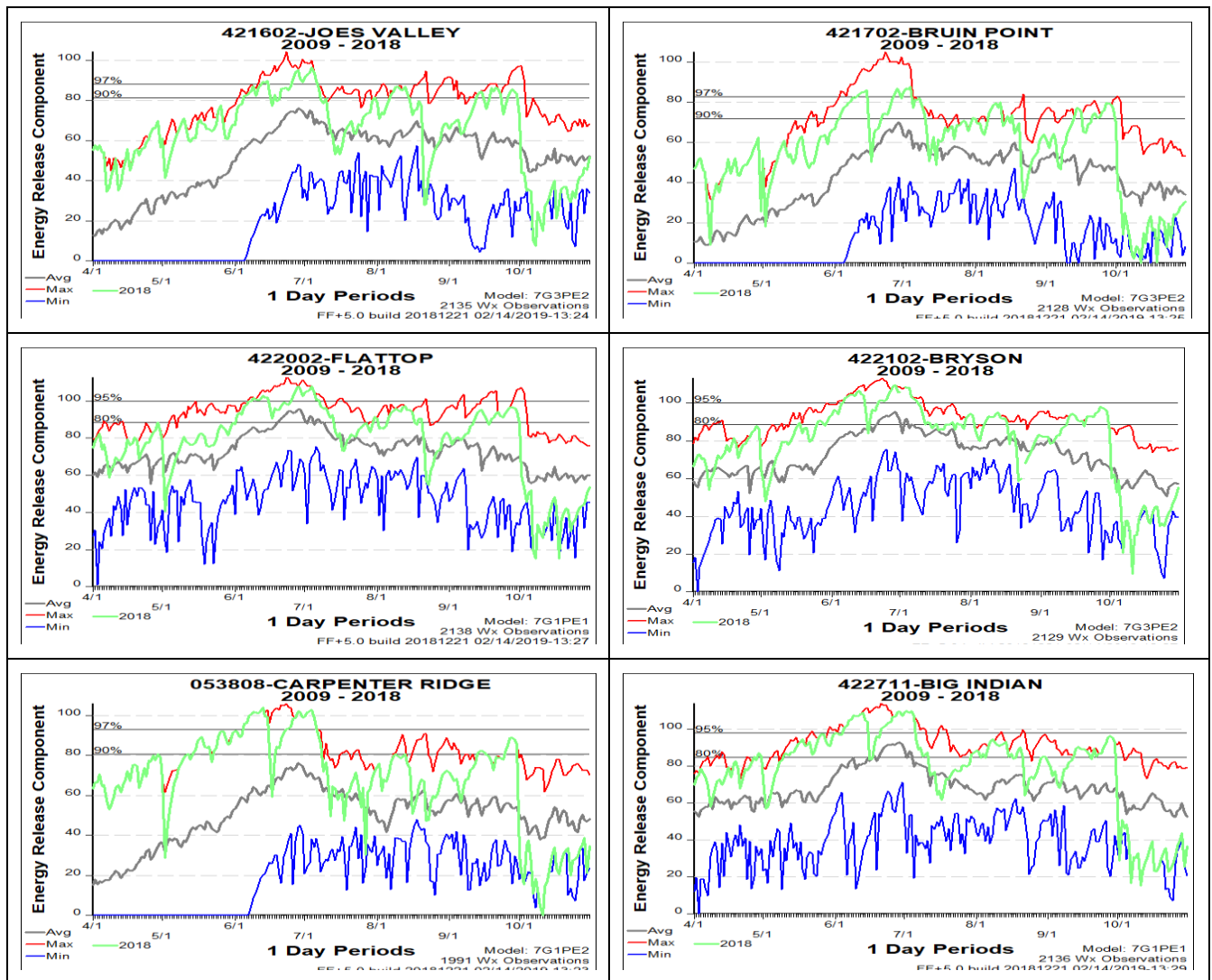


Figure 5 - Precipitation Departure from Average

Fuels and Fire Danger

2018 ERC values peaked in late June to early July at most of the RAWS stations with records being set in some of the RAWS stations across South East Utah. Utah was in severe drought during the 2018 fire season, the lack of precipitation throughout the the year kept live fuel moistures low resulting in high to extreme fire danger. When Trail Mountain RX was declared a wildfire on June 7, the ERC values at the Joes Valley RAWs were above the 97th percentile the same occurred when Coal Hollow ignited on August 4th. October began with ERC values above the 90th percentile in the high elevation and low elevation RAWS stations.



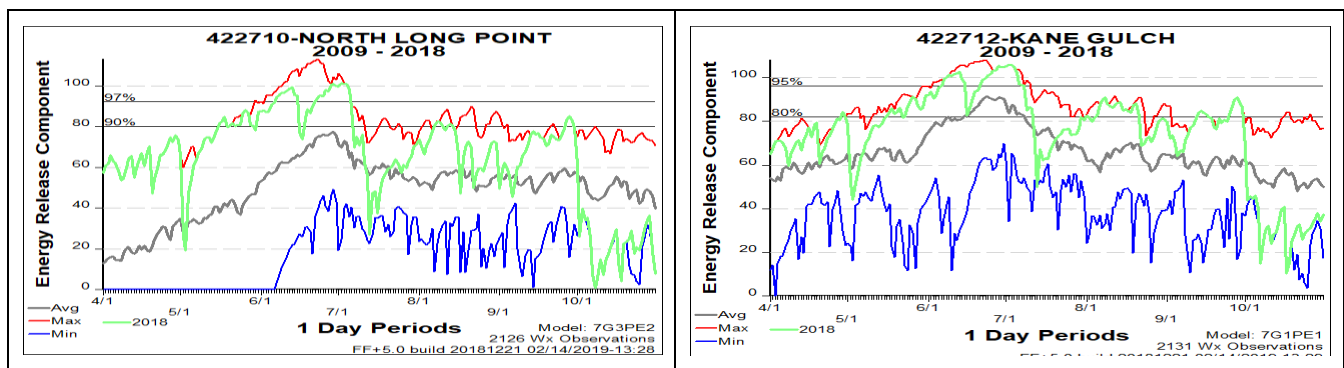


Figure 6 - ERC Charts

Fire Statistics

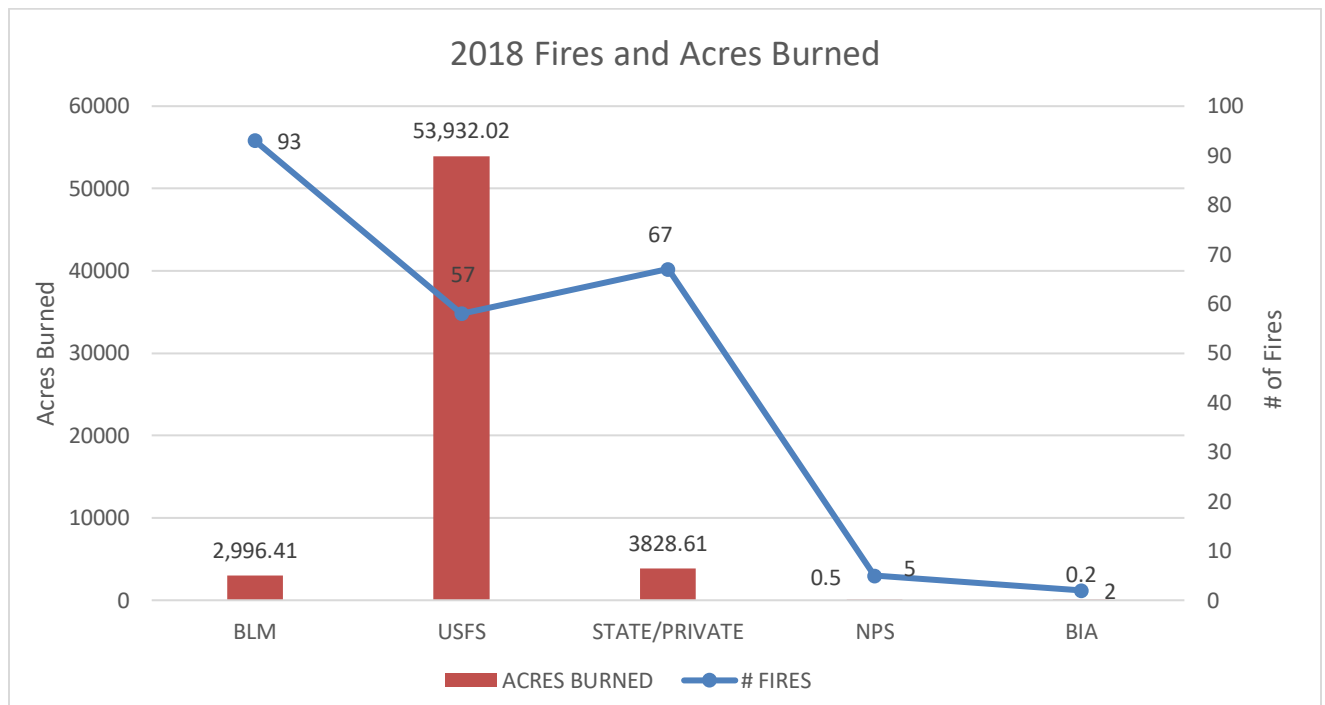


Figure 7 - 2018 Acres Burned and Number of Fires

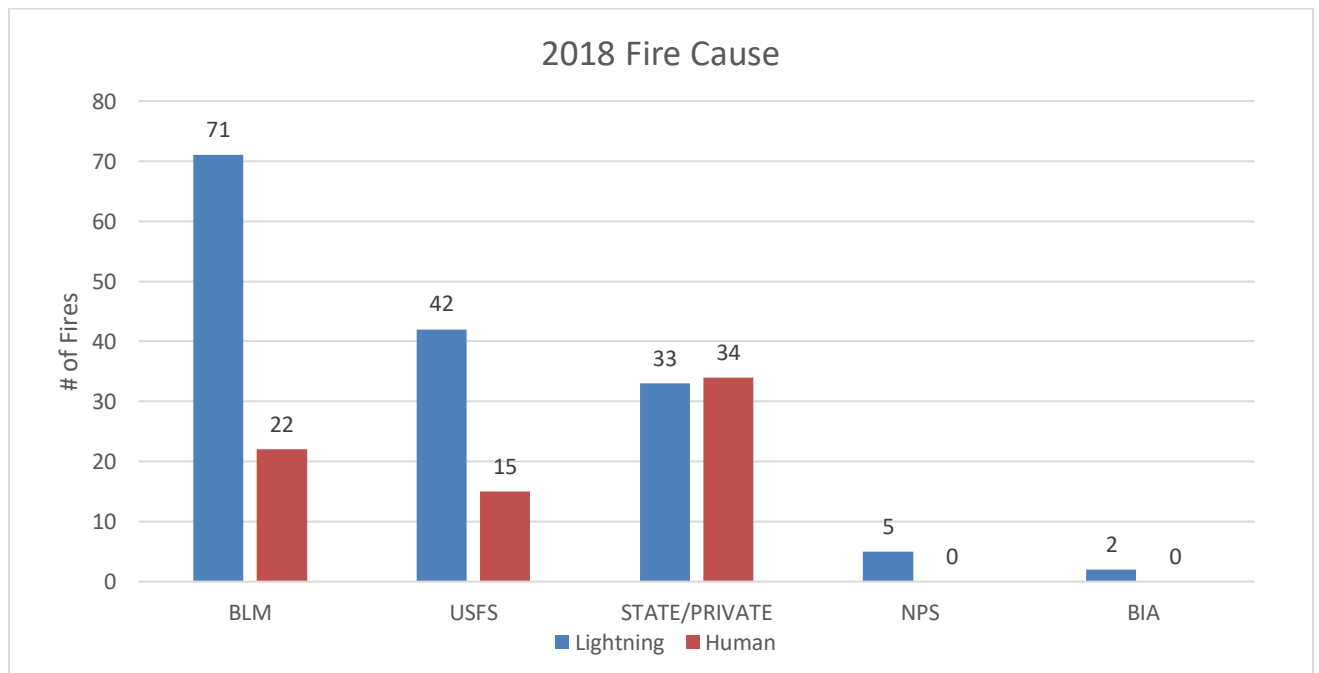
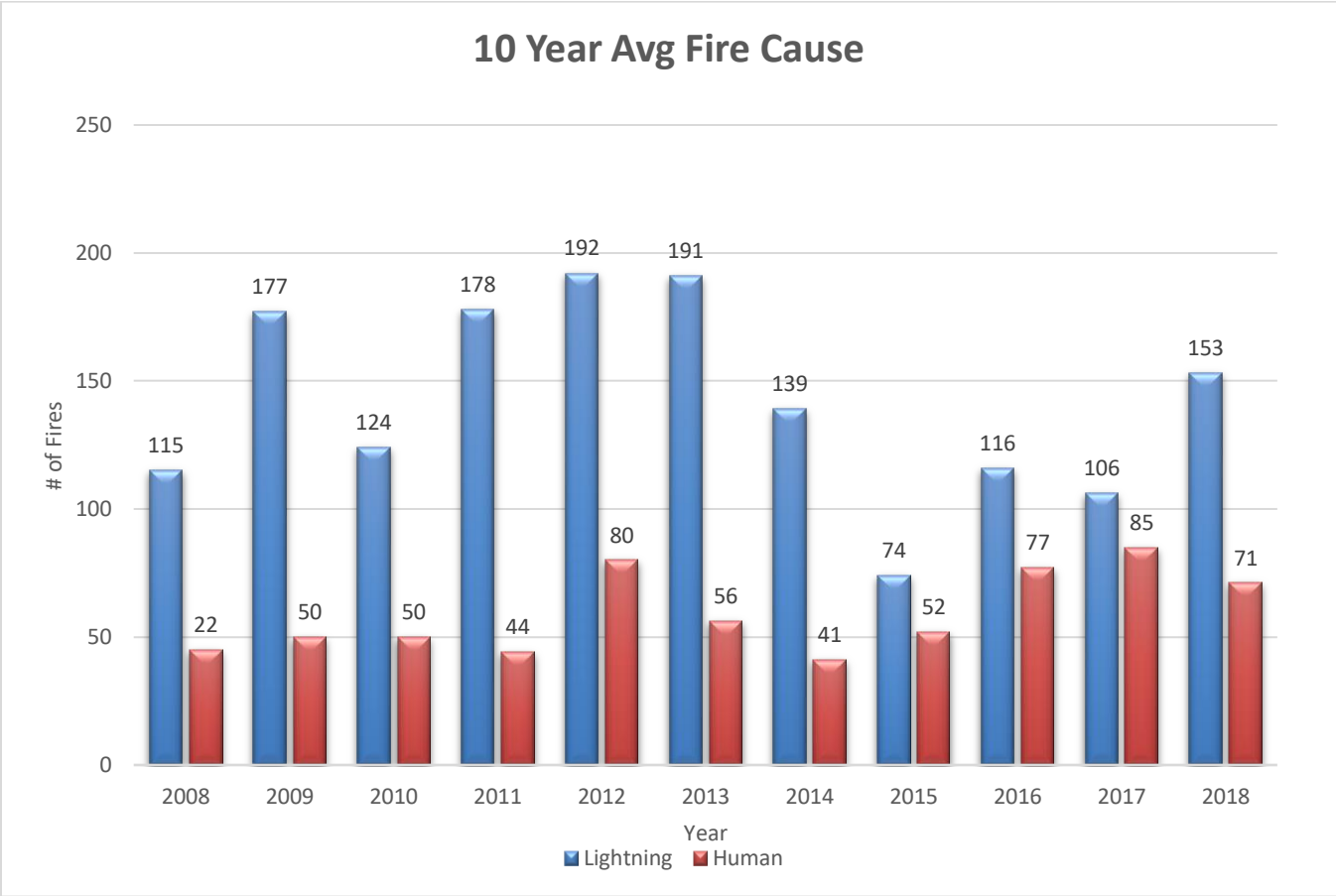


Figure 8- 2018 Fire Cause Data



Trail Mountain Fire 6/7/2018

Red Rock Regulars Handcrew



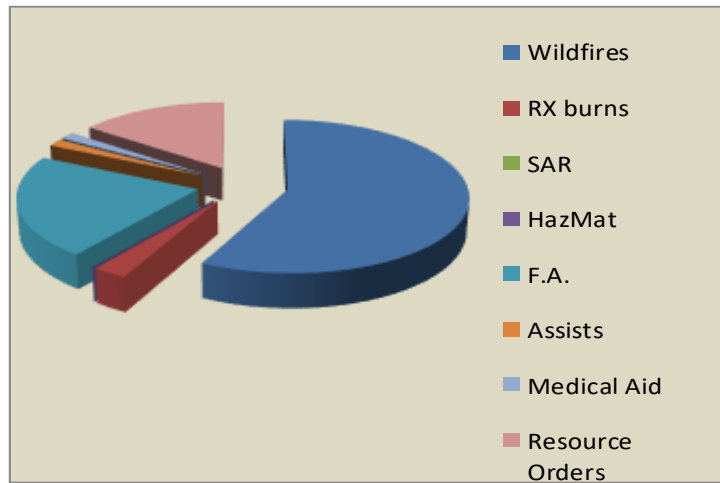
Figure 9 - Red Rock Regulars

The Red Rock Regulars Type 2 Initial Attack Handcrew completed 4 assignments to 5 fires and a total of 45 days.

2018 WildCAD Incidents

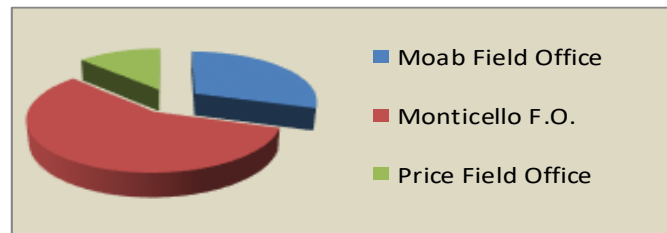
TOTAL INCIDENTS

Wildfires	225
RX burns	11
SAR	0
HazMat	0
F.A.	85
Assists	6
Medical Aid	6
Resource Orders	58
TOTAL:	391



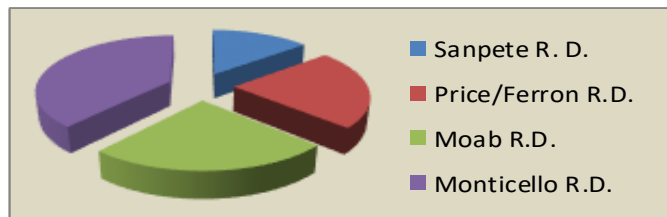
Canyon Country BLM

Moab Field Office	28
Monticello F.O.	54
Price Field Office	12
TOTAL:	94



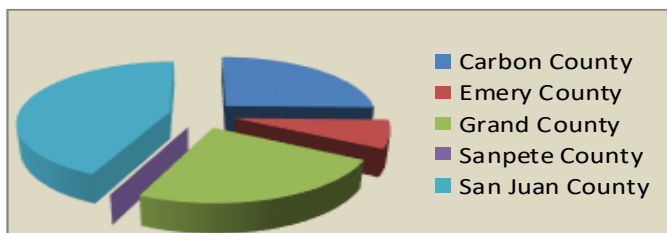
Manti LaSal N.F.

Sanpete R. D.	8
Price/Ferron R.D.	13
Moab R.D.	14
Monticello R.D.	22
TOTAL:	28



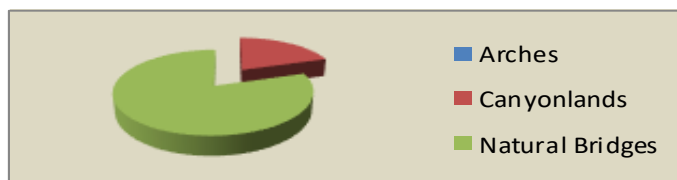
Southeast Utah State

Carbon County	17
Emery County	5
Grand County	16
Sanpete County	0
San Juan County	29
TOTAL:	67



National Park Service

Arches	0
Canyonlands	1
Natural Bridges	4
TOTAL:	5



Bureau of Indian Affairs

Ute Mountain Agency	2
TOTAL:	2

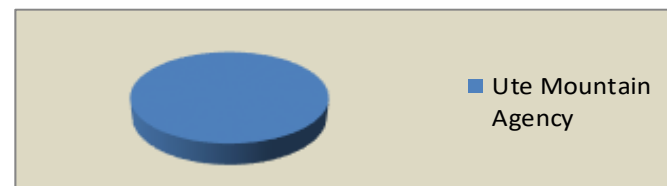


Figure 10 - Itemized Fire Data

MOAB INTERAGENCY FIRE CENTER

10-YEAR AVERAGE FIRE OCCURRENCE

YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2009	53	115	8	51	1	228
2010	45	90	6	33	1	175
2011	45	102	5	69	1	222
2012	65	118	0	88	0	271
2013	48	115	5	79	0	247
2014	48	75	2	55	0	180
2015	28	50	2	45	0	125
2016	37	80	4	72	1	194
2017	37	83	3	63	3	189
2018	57	93	5	67	2	224
Total	463	921	40	622	9	2055
10-YR AV	46.3	92.1	4	62.2	0.9	205.5
% OF TOTAL	22.53%	44.82%	1.95%	30.27%	0.44%	100.00%

10-YEAR AVERAGE FIRE ACRES BY YEAR

YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2009	5,153.50	1,820.70	1.00	1,171.15	0.00	8,146.35
2010	1,982.00	169.00	0.60	31.00	0.00	2,182.60
2011	455.00	561.00	0.50	128.00	0.10	1,144.60
2012	44,269.00	3,205.40	0.00	7,619.00	0.00	55,093.40
2013	1,706.50	218.90	4.00	270.00	0.00	2,199.40
2014	28.00	477.00	0.20	28.00	0.00	533.20
2015	117.32	20.11	0.20	168.26	0.00	305.89
2016	4,953.50	76.56	36.30	89.41	0.30	5,156.07
2017	215.79	317.70	0.30	119.18	11.60	664.57
2018	53,932.02	2,996.14	0.50	3,828.61	0.20	60,757.47
Total	112,812.6	9,862.5	43.6	13,452.6	12.2	136,183.6
10-YR AV	11,281.3	986.3	4.4	1,345.3	1.22	13,618.4
% OF TOTAL	82.84%	7.24%	0.03%	9.88%	0.01%	100.00%

Figure 11 - 10 year Averages

TRANSACTIONS IN ROSS

Actions "From" Selected Dispatch Organization by Catalog

From Organization Name: Moab Interagency Fire Center

Req Catalog Name	Enter*	Delete	Place*	Retrieve*	Fill*	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Aircraft	375	5	301	24	144	2	118	232	20	35	3
Crew	112	0	114	4	17	1	12	84	7	42	1
Equipment	478	3	308	39	260	8	67	473	31	25	23
Overhead	2,029	17	707	61	1,604	31	913	2,825	88	148	75
Supply	3,451	79	1,248	60	2,040	3	0	177	152	16	0
Summary	6,445	104	2,678	188	4,065	45	1,110	3,791	298	266	102

OFF DISTRICT REQUESTS FILLED BY MIFC RESOURCES

Position	Filled	Position	Filled	Position	Filled	Position	Filled	Position	Filled
ACDP	2	FAL1	3	ENOP	3	RXB2	3	Type2 IA Crew	5
ACDP(T)	2	FAL2	8	EQTM	1	RXB2(T)	1	Type 3 Heli	4
AOBD	1	FAL3	4	ICT3(T)	5	SEAT	2	Type 3 Eng	8
AREP	1	FDUL	1	ICT4	3	SEC1	3	Type 4 Eng	10
ASGS	2	FFT1	36	ICT5	21	SEC2	11	Type 6 Eng	5
BCMG	1	FFT1(T)	2	INVF	4	SEC2(T)	1	WF Module	5
COML	1	FFT2	146	INVF(T)	1	SITL(T)	4	WT Tactical,T2	3
CRWB	15	FOBS	2	LIOF	1	SOF2	4		
CRWB(T)	3	FOBS(T)	1	OSC2	1	SOF2(T)	2		
DIVS	6	FDUL	1	PIO2	4	SOFR	7		
EDRC	1	GISS	5	PIO2 (T)	5	SPUL	1		
EDSD	2	GSUL	3	PIOF	3	TFLD	8		
EDSD(T)	4	HECM	28	PLDO	1	TFLD(T)	3		
EMTB	1	HECM(T)	29	PSC1	1	THSP	3		
ENGB	30	HMGB	30	PTRC(T)	2	TIME	3		
ENGB(T)	6	HMGB(T)	1	READ	1	WTOP	1		

USDA-Forest Service		UNIT	
PERSONNEL EMPLOYED ON WILDFIRE PRESUPPRESSION AND SUPPRESSION ACTIVITIES		Manti La Sal National Forest	
		CALENDAR YEAR	
		2015	
INSTRUCTIONS: 1. Data for items 1a, 1b, and 2b should be taken from planning and budget records in the Supervisor's Office. 2. Items 1c, 1d, 2b, and 2c may be obtained from actual records in the S.O. or from the Ranger District. If obtained from the Ranger having intimate knowledge on use of his personnel, these items may be estimated. Complete accuracy is not required. 3. Item 3 may be estimated where large numbers of casuals are employed. Since each reemployment counts as a new employment, sufficient accuracy can be obtained by sample counts and measurement of time slips.			
ITEM NO.	ITEM	NUMBER	
		SUB-TOTAL	TOTAL
1.	Regular appointed personnel		
	a. Full-time fire management (<i>20 pay periods or more</i>)	7	
	b. Part-time fire management	34	
	c. Others used on presuppression sometime during year		
	d. Others used on suppression (<i>exclude those reported under a, b, or c</i>)	9	
	e. Total (<i>a + b + c + d</i>)		50
2.	Seasonal or short-term personnel	40	
	a. Regular fire control (<i>crews, firefighters, patrol, lookouts, etc.</i>)		
	b. Others (<i>BD, KV, BR, R&T, etc.</i>) who spent time on fire control work	20	
	c. Emergency firefighters (<i>exclude those reported under a or b</i>)		
	d. Total (<i>a + b + c</i>)		60
3.	Total number of casuals employed on fire suppression (<i>Each reemployment counts as an employment</i>)		3
4.	Number of casuals (<i>included in Item 3</i>) employed for first time (<i>Ranger's estimate is adequate</i>)	3	
5.	GRAND TOTAL (<i>1e + 2d + 3</i>)		113
SUBMITTED BY (<i>Signature</i>)			

OWNERSHIP ACRES

BLM	6,121,338.7
DOD	2,535.7
DOE	42.4
NPS	415,697.1
PRIVATE	1,129,287.0
SITLA (UTAH SCHOOL TRUST LANDS)	1,030,498.3
SL&F (UTAH FF&SL)	18,641.3
TRIBAL	9,080.7
UDOT	1,264.2
UDWR (UTAH DIV. OF WILDLIFE RESOURCES)	38,572.9
USFS	1,337,487.1
USP (UTAH STATE PARKS)	11,778.2
TOTAL	10,116,223.6